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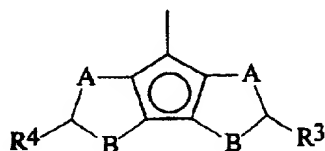
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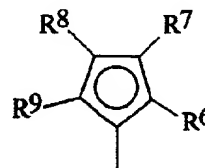
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(54) Title: HETEROCYCLIC METALLOCENE COMPOUNDS AND USE THEREOF IN CATALYST SYSTEMS FOR PRO-  
DUCING OLEFIN POLYMERS



(II)



(III)

(57) Abstract: A metallocene compound of general formula (I): LGZMX<sub>p</sub>, wherein L is a divalent group, Z is a moiety of formula (II), wherein R<sup>3</sup> and R<sup>4</sup> are selected from hydrogen and hydrocarbon groups; A and B are selected from S, O or CR<sup>5</sup>, wherein R<sup>5</sup> is selected from hydrogen and hydrocarbon groups, either A or B being different from CR<sup>5</sup>; G is a moiety of formula (III), wherein R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup> and R<sup>9</sup> are selected from hydrogen and hydrocarbon groups, M is an atom of a transition metal, X is selected from a halogen atom, a R<sup>10</sup>, OR<sup>10</sup>, OSO<sub>2</sub>Cl<sup>5</sup>, OCOR<sup>10</sup>, SR<sup>10</sup>, NR<sup>10</sup><sub>2</sub> or PR<sup>10</sup><sub>2</sub> group, wherein the substituents R<sup>10</sup> is hydrogen and a hydrocarbon group; p is an integer from 0 to 3.

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